

Title (en)

Method and apparatus for data encoding and communication over noisy media

Title (de)

Verfahren und Vorrichtung zur Datenkodierung und Übertragung über verrauschten Medien

Title (fr)

Procédé et dispositif de codage et de transmission de données sur un support bruité

Publication

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Application

**EP 02013419 A 19960307**

Priority

- EP 96908777 A 19960307
- US 40462795 A 19950314

Abstract (en)

A synchronization circuit and method are provided for quickly achieving fast, accurate synchronization utilizing parallel synchronization and sub-bit correlation. The received signal is input to a digitizer (41), whose output is applied to a shift register (43). The shift register (43) has 16 outputs, with each one of the outputs being applied to one of the correlators (42). Each output of the shift register (43) represents a digitized portion of the string. In this way, the bank of correlators (42) may be used to correlate on the strings (31-38). <IMAGE>

IPC 1-7

**H04L 1/00**

IPC 8 full level

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